

Page 4, line 31, insert:

B<sup>3</sup>

---SUMMARY OF THE INVENTION  
AND  
DETAILED DESCRIPTION OF THE INVENTION---

Please insert the following paragraph for the paragraph appearing at page 12, lines 19-27, with a marked-up copy of the amended paragraph appearing in an Appendix attached to this reply:

B<sup>4</sup>

The lithium manganese oxide intercalation compounds prepared by the process according to the invention have the morphology wherein the lithium intercalation compound has a specific surface area, determined by the BET method, of from 0.3 to 5 m<sup>2</sup>/g, a particle size, determined from the d<sub>50</sub> value, of greater than 0.5 μm, a diameter, determined from the d<sub>90</sub> value, of 30 μm or less, and an internal pore volume of less than 0.05 ml/g and has a pronounced crystal structure. They can advantageously be used for the production of particularly thin thin-film electrodes. Secondary lithium ion batteries which contain the lithium manganese oxide spinels according to the invention as active material of the positive electrode are particularly suitable as high-performance batteries.

Page 12, line 32, insert:

B<sup>5</sup>

---BRIEF DESCRIPTION OF THE DRAWINGS---

Page 13, line 9, insert:

---EXAMPLES---